SEQUENCE LISTING

<110> Indian Council of Medical Research

University of Delhi

<120> Mutants of Mycobacteria and process thereof

<130> 11378.0066USWO

<140> US 10/560,605
<141> 2005-12-13

<150> PCT/IN2004/000203
<151> 2004-07-09

<150> IP882/DEL/2003
<151> 2003-07-09

<160> 16

<170> PatentIn version 3.1

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<212> DNA

<213> Artificial Sequence

<220>

<223> The primer was synthesized

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<213> Synthesized

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<211> 33

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<213> Synthesized

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<211> 32

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<210> 11

<211> 492

<212> DNA

<213> Mycobacterium tuberculosis

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ggcgtcgaag ccgcccgggt acggatgctg cggtcattcg acccacgctc gggaacccat      360

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4

<213> Mycobacterium tuberculosis

<400> 13
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cctacgccga gatccgggcg cgccgccggg aaaaagcggg gtcgccacca ccggacaagc     2220

caatgacggt cgagcagaaa ctcgctgacc gctacggccg ccggcggtaa accaacatca     2280

cggccaatac cgcagccccc gcctggacca cccgcgacag caccacggcg cggcgcagat     2340

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<211> 2890

<212> DNA

<213> Mycobacterium tuberculosis

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ctgcatctcc agcgacgcga ttatggcgct ttgcgaccag ccgaaaacgg tgaccgcgtt      420

tccggtggtc gcgagctcta ccatgatcgc gtcgtgcaag atggtcaagc cctcttccac      480

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6

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7

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<210> 15

<211> 4163

<212> DNA

<213> Artificial sequence

<220>

<223> The sequence was produced in the lab

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gggcaatctc aacctctgcc cgccgtagac gagccgcagc agctcggaca ggcgtgtctt     180

cgcctcgtga acgccgaccc gcttcgcagg cgcccagact ttcgcgtcga ccacctgctc     240

accaaacttc gcgatcatcg cctgatacca cagcgccaac gggtagcggt ttgtccaacc     300

gcttcgtcaa cgacaatggg atcgtgaccg acacgaccgc gagcgggacc aattgcccgc     360

ctcctccacg cgccgccgca cggcgcgcat cgtcgccggg tgaatcgccg cagctggtga     420

tcttcgatct ggacggcacg ctgaccgact cggcgcgcgg aatcgtatcc agcttccgac     480

acgcgctcaa ccacatcggt gccccagtac ccgaaggcga cctggccact cacatcgtcg     540

gcccgcccat gcatgagacg ctgcgcgcca tggggctcgg cgaatccgcc gaggaggcga     600

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acgagctgag ggaggcgcta ggtgtctgat ccgctgcacg tcacattcgt ttgtacgggc    1080

aacatctgcc ggtcgccaat ggccgagaag atgttcgccc aacagcttcg ccaccgtggc    1140

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ggccgtgcgg aattaagccg gcccgtaccc tgtgaataga ggtccgctgt gacacaagaa    1740

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gcgtacgcgg tcctggcgga cgccccggtg ccggtgcccc gcctcctcgg ccgcggcgag    2040

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aaaccaacat cacggccaat accgcagccc ccgcctggac cacccgcgac agcaccacgg    3960

cgcggcgcag atcggccacc ttgggcgacc ggccgtcgcc caaggtgggc cggatctgca    4020

actcatggtg gtaccgggtg ggcccaccca gccgcacgtc aagcgcccca gcaaacgccg    4080

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<210> 16

<211> 4522

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence was produced in the lab

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ggaaatgaag ttgagcgggt atcgcgagaa gtcggcgaac ccgtcgtact cgagcgtgta    180

gatggccgtc ggatagatcg tgtccgaggg cgttgcgcca tagaacgtca ggtccagagt    240

cggaagcgtc agatccggga accgcgcgag cataccgcca ttggggttca tttcattgcc    300

gacaagcacg aaattgaggt cgctcgccga aggtgcggcc ccgcccatcg ccgtgaacct    360
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